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FORM PTO-1082

EXPRESS MAIL LABEL NO.: EL640514243US

PATENT

Attorney Docket No.: 0037203-4

Date: October 19, 2001

BOX PATENT APPLICATION
 ASSISTANT COMMISSIONER FOR PATENTS
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

Inventors: MOHAMMED USMAN, JON LAURENT PANG, AMJAD LUNA and IMTINAN ELAHI

For: METHOD AND SYSTEM FOR FILTERING A SIGNAL AND PROVIDING ECHO CANCELLATION
 USING AN ADAPTIVE LENGTH FILTER

☒ **APPLICANT(S) CLAIMS SMALL ENTITY STATUS. SEE 37 CFR 1.27.**

Enclosed are:

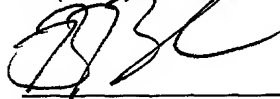
31 Pages of Specification

6 Sheets of drawing (☒ formal ☐ informal)☒ Declaration and Petition (UNSIGNED) ☐ Will follow.☐ Form PTO-1595 and an assignment of the invention to ☐ Will follow.☐ A certified copy of ☐ from which priority is claimed in the subject case pursuant to Rule 55b and 35 U.S.C. 119. ☐ Will follow.☐ An associate Power of Attorney☐ Information Disclosure Statement, Form PTO 1449 and ☐ prior art reference(s).☐ Preliminary Amendment.☒ General Authorization/Request to Petition for Extension of Time.☒ Postcard

FOR:	NO. FILED	NO. EXTRA	SMALL ENTITY RATE	SMALL ENTITY FEE		OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
BASIC FEE				\$370.00	OR		\$740.00
TOTAL CLAIMS	46	-20=	26	\$234.00	OR	X 18	\$-0-
INDEP CLAIMS	6	-3=	3	\$126.00	OR	X 84	\$-0-
MULTIPLE			X+ 140	\$-0-	OR	+ 280	\$-0-
DEP CLAIMS PRESENTED			TOTAL:	\$730.00		TOTAL:	\$

☐ Please charge my Deposit Account No. 50-0639 the amount of XX. A duplicate copy of this sheet is enclosed.☒ A check in the amount of \$730.00 to cover the filing fee is enclosed.☐ A check in the amount of \$XX to cover the Assignment Recordation Fee is enclosed.☒ The Commissioner is hereby authorized to charge payment of the following fees associate with this communication or credit any overpayment to Deposit Account No. 50-0639. A duplicate copy of this sheet is enclosed.☒ Any additional filing fees required under 37 CFR 1.16.☒ Any patent application processing fees under 37 CFR 1.17.☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 50-0639. A duplicate copy of this sheet is enclosed.☐ Any patent application processing fees required under 37 CFR 1.17.☐ The issue fee set in 37CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.31(b).☐ Any filing fees under 37 CFR 1.16 for presentation or extra claims.

Respectfully submitted,



Brian M. Berliner

Registration No. 34,549

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jc997 U.S. PTO
 10/038320
 10/19/01

JC971 U.S. PTO
 10/19/01

10038320 10/19/01

PATENT

Docket No.: 0037203-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Mohammed USMAN, Jon Laurent PANG, Amjad LUNA and Imtinan ELAHI

For: Method And System For Filtering A Signal And Providing Echo Cancellation Using An Adaptive Length Filter

CERTIFICATE OF MAILING

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

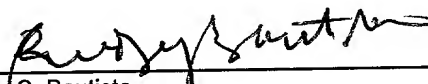
"EXPRESS MAIL" Mailing Label No.: EL640514243US

Date of Deposit: October 19, 2001

I hereby certify that an application for patent, including:

31 pages of Specification (which includes 46 claims and a one-page Abstract); 6 Sheets of formal Drawings; an UNSIGNED Declaration and Petition; a General Authorization/Request to Petition for Extensions of Time; a check in the amount of \$730.00 to cover the filing fee; a Transmittal Letter (Form PTO 1082); and Return Postcard are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Date of Deposit: October 19, 2001



Rudy C. Bautista